ABSTRACT

An angular velocity measuring device (1) includes a
first sensor (2) (vibratory gyroscope) and a second sensor
(3) (gas rate gyroscope). A detected output of the first
5   sensor (2) is input to a highpass filter (4) and an output
of this filter (4) is stored in the time series into a
memory (10). Subtraction means (11) sequentially performs
operations of subtracting an output $\omega v'(t-tsd)$ of the
filter (4) at a time a predetermined time period tsd
10   earlier from an output $\omega v'(t)$ of the filter (4), and
addition means (12) sequentially adds the value obtained
by the above to an output $\omega g(t)$ of the second sensor (3),
whereby an angular velocity measurement is obtained.
Thereby, it is possible to provide an angular velocity
15   measuring device whose angular velocity measurements are
high in response and stability at a low price.